

STN

10/663,283

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(FILE 'HOME' ENTERED AT 10:52:54 ON 13 NOV 2004)

FILE 'REGISTRY' ENTERED AT 10:53:40 ON 13 NOV 2004

          E ISOPROPYL BROMIDE/CN  
L1          1 S E3  
          E PROPYL BROMIDE/CN  
L2          1 S E3  
          E NITROMETHANE/CN  
L3          1 S E3  
          E NITROETHANE/CN  
L4          1 S E3  
          E METHYL PYRROLIDONE/CN  
          E N-METHYL PYRROLIDONE/CN  
          E METHYLPYRROLIDONE/CN  
L5          1 S E3

FILE 'CA' ENTERED AT 11:00:09 ON 13 NOV 2004  
          S 75-26-3/REG#

FILE 'REGISTRY' ENTERED AT 11:00:20 ON 13 NOV 2004  
L6          1 S 75-26-3/RN

FILE 'CA' ENTERED AT 11:00:20 ON 13 NOV 2004  
L7          3191 S L6  
          S 106-94-5/REG#

FILE 'REGISTRY' ENTERED AT 11:00:40 ON 13 NOV 2004  
L8          1 S 106-94-5/RN

FILE 'CA' ENTERED AT 11:00:40 ON 13 NOV 2004  
L9          3939 S L8  
          S 104306-48-1/REG#

FILE 'REGISTRY' ENTERED AT 11:01:14 ON 13 NOV 2004  
L10         1 S 104306-48-1/RN

FILE 'CA' ENTERED AT 11:01:15 ON 13 NOV 2004  
L11         9193 S L10  
          S 79-24-3/REG#

FILE 'REGISTRY' ENTERED AT 11:01:32 ON 13 NOV 2004  
L12         1 S 79-24-3/RN

FILE 'CA' ENTERED AT 11:01:32 ON 13 NOV 2004  
L13         3056 S L12  
          S 51013-18-4/REG#

FILE 'REGISTRY' ENTERED AT 11:01:56 ON 13 NOV 2004  
L14         1 S 51013-18-4/RN

FILE 'CA' ENTERED AT 11:01:57 ON 13 NOV 2004  
L15         172 S L14  
L16          64 S L7 AND L11  
L17          57 S L7 AND L13  
L18          95 S L9 AND L11

L19 73 S L9 AND L13  
L20 19 S L19 NOT L18  
L21 0 S L16 AND L15  
L22 0 S L17 AND L15  
L23 0 S L18 AND L15  
L24 0 S L19 AND L15  
L25 0 S L7 AND L15  
L26 0 S L9 AND L15  
L27 3 S (ISOPROPYL BROMIDE OR PROPYL BROMIDE OR  
BROMOPROPANE) (P) (METH  
L28 7 S (ISOPROPYL BROMIDE OR PROPYL BROMIDE OR BROMOPROPANE OR  
PRBR  
L29 4 S L28 NOT L27

FILE 'CAPLUS' ENTERED AT 11:29:22 ON 13 NOV 2004

L30 0 S L21  
L31 0 S L22  
L32 0 S L23  
L33 0 S L24  
L34 0 S L25  
L35 0 S L26  
L36 3 S L27  
L37 7 S L28  
L38 4 S L29

FILE 'USPATFULL' ENTERED AT 11:31:02 ON 13 NOV 2004

L39 0 S L21  
L40 12 S L27  
L41 32 S L28  
L42 20 S L29  
L43 0 S L22  
L44 0 S L23  
L45 0 S L24

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=> d 1, 4, 9, 11, 16 116

L16 ANSWER 1 OF 64 CA COPYRIGHT 2004 ACS on STN  
AN 139:338717 CA  
TI Nonflammable solvent compositions for dissolving and cleaning plastics  
IN Hayakawa, Takanori; Kaneko, Takayasu  
PA Kaneko Kagaku K. K., Japan; TDK Corporation  
SO Jpn. Kokai Tokkyo Koho, 6 pp.  
CODEN: JKXXAF

DT Patent  
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003306700	A2	20031031	JP 2002-112208	20020415
	CN 1451683	A	20031029	CN 2003-109898	20030415
PRAI	JP 2002-112208	A	20020415		

L16 ANSWER 4 OF 64 CA COPYRIGHT 2004 ACS on STN  
AN 136:202201 CA  
TI Nonflammable cleaning solvent composition with improved washability  
IN Kaneko, Akiyasu  
PA Kaneko Kagaku K. K., Japan  
SO Jpn. Tokkyo Koho, 12 pp.  
CODEN: JTXXFF

DT Patent  
LA Japanese

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 3263065	B1	20020304	JP 2001-37650	20010214
	JP 2002241796	A2	20020828		
	WO 2002064724	A1	20020822	WO 2002-JP1258	20020214
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,				
TM	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	JP 2001-37650	A	20010214		
	JP 2001-323545	A	20011022		

L16 ANSWER 9 OF 64 CA COPYRIGHT 2004 ACS on STN  
AN 131:311942 CA  
TI Environmentally friendly drainer solvent composition  
IN Aman, Shunji; Matsuda, Takao; Oda, Yoshikazu  
PA Tosoh Corp., Japan  
SO Jpn. Kokai Tokkyo Koho, 10 pp.  
CODEN: JKXXAF

DT Patent  
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 11293287	A2	19991026	JP 1998-94852	19980407
PRAI	JP 1998-94852		19980407		
OS	MARPAT 131:311942				

L16 ANSWER 11 OF 64 CA COPYRIGHT 2004 ACS on STN  
 AN 130:184130 CA  
 TI Low-odor cleaning solvents for electronic parts  
 IN Kaneko, Akiyasu  
 PA Kaneko Kagaku K. K., Japan  
 SO Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF

DT Patent  
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11050097	A2	19990223	JP 1997-219050	19970731
PRAI	JP 1997-219050		19970731		

L16 ANSWER 16 OF 64 CA COPYRIGHT 2004 ACS on STN  
 AN 128:4941 CA  
 TI Cleaning composition from bromine-containing solvent  
 IN Oshima, Katsuhide; Tanaka, Shigemi; Kunihiro, Takeshi; Yamamoto, Takashi  
 PA Dipsol Chemicals Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 4 pp.  
 CODEN: JKXXAF

DT Patent  
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09302389	A2	19971125	JP 1996-121634	19960516
	JP 3478665	B2	20031215		
PRAI	JP 1996-121634		19960516		

=> d 4, 9, 11, 16 116 ab

L16 ANSWER 4 OF 64 CA COPYRIGHT 2004 ACS on STN  
 AB Title composition comprises (A) 1,1,1,3,3-pentafluorobutane 30-70 weight%, (B) one solvent or  $\geq 2$  solvent mixture 30-70 weight%, which are selected from nitromethane, nitroethane, d-limonene, 3-methoxy Bu acetate.

L16 ANSWER 9 OF 64 CA COPYRIGHT 2004 ACS on STN  
 AB The composition comprises 100 parts 1-bromopropane (I) and/or 2-bromopropane and 5-20 parts  $R1O(C_nH_{2n} + 10)mR2$  ( $R1, R2 = H$ , but not at the same time,  $C1-10$  unsatd. hydrocarbyl, benzyl;  $n = 2-4$ ;  $m = 1-4$ ). Thus, a composition was made from 100 parts I and 10 parts diethylene glycol monohexyl ether.

L16 ANSWER 11 OF 64 CA COPYRIGHT 2004 ACS on STN  
 AB Title solvents, useful for articles having plastic and/or rubber parts, contain PrBr and/or iso-PrBr and  $\geq 1$  stabilizers selected from nitroalkanes, ethers, epoxides, amines, and  $\geq 1$  azeotropic or azeotropic-like components selected from hydrocarbons, alcs., ketones,

ethers, esters, and halogens. Thus, a mixture of iso-PrBr, nitromethane, and 10% EtOH showed Kauri-BuOH value 112 and low odor.

L16 ANSWER 16 OF 64 CA COPYRIGHT 2004 ACS on STN

AB The composition, especially useful for steam cleaning process, comprises Pr bromide and/or iso-Pr bromide, a nitroalkane (nitroethane) and butylene oxide.

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=> d 19, 20, 21, 23 116 all

L16 ANSWER 19 OF 64 CA COPYRIGHT 2004 ACS on STN

AN 126:93195 CA

ED Entered STN: 11 Feb 1997

TI Bromopropane-based cleaners for aluminum

IN Aman, Shunji; Oda, Yoshikazu

PA Tosoh Corp, Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM C23G005-036

ICS C11D007-26; C11D007-30; C11D007-32; C11D007-50

CC 56-6 (Nonferrous Metals and Alloys)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08311675	A2	19961126	JP 1995-114365	19950512
PRAI	JP 1995-114365		19950512		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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JP 08311675	ICM	C23G005-036
	ICS	C11D007-26; C11D007-30; C11D007-32; C11D007-50

AB The cleaners comprise 2-bromopropane 100, nitromethane 2-5, and 1,2-butylene oxide 0.1-1 part. The cleaners are substitutes for conventional Cl-type degreasing detergents and have high stability at normal temperature and high-temperature in vapor washing.

ST bromopropane cleaner aluminum degreasing detergent; nitromethane aluminum cleaner bromopropane butylene oxide

IT Detergents  
(degreasing compns.; bromopropane-based cleaners with high stability for aluminum)

IT 75-52-5, Nitromethane, uses 106-88-7, 1,2-Butylene oxide  
RL: MOA (Modifier or additive use); USES (Uses)  
(bromopropane-based cleaners with high stability for aluminum)

IT 75-26-3, 2-Bromopropane  
RL: NUU (Other use, unclassified); USES (Uses)  
(bromopropane-based cleaners with high stability for aluminum)

IT 7429-90-5, Aluminum, processes 11146-12-6  
RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)  
(bromopropane-based cleaners with high stability for aluminum)

L16 ANSWER 20 OF 64 CA COPYRIGHT 2004 ACS on STN

AN 125:36373 CA

ED Entered STN: 17 Jul 1996

TI Stabilized bromopropane compositions as metal cleaning solvents

IN Oikawa, Koshu; Aoki, Nobuo; Kawashima, Tomio; Goto, Wataru; Myata, Masato

PA Toa Gosei Kk, Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM C07C017-42

ICS C07C019-075; C11D007-30; C23G005-028

CC 46-6 (Surface Active Agents and Detergents)  
Section cross-reference(s): 55, 56

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08067643	A2	19960312	JP 1994-228717	19940830
PRAI	JP 1994-228717		19940830		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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JP 08067643	ICM	C07C017-42
	ICS	C07C019-075; C11D007-30; C23G005-028

AB The bromopropane compns. contain stabilizers of ethers, epoxy compds., and

nitro compds. Refluxing a piece of Al in a composition containing 2-bromopropane 94, 1,4-dioxane 3, 1,2-butylene oxide 1, and EtNO<sub>2</sub> 2% for 48 h showed no change of the piece.

ST bromopropane ether metal cleaning solvent; butylene oxide metal cleaning solvent; dioxane metal cleaning solvent; nitroethane metal cleaning solvent; aluminum surface bromopropane cleaning solvent; epoxide bromopropane metal cleaning solvent; nitro bromopropane metal cleaning solvent

IT Stabilizing agents  
(bromopropane compns. containing ethers and epoxides and nitro compds. for metal cleaning solvents)

IT Epoxides  
Ethers, uses  
Nitro compounds  
RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)

(bromopropane compns. containing ethers and epoxides and nitro compds. for metal cleaning solvents)

IT Solvents  
(cleaning, bromopropane compns. containing ethers and epoxides and nitro compds. for metal cleaning solvents)

IT 75-52-5, Nitromethane, uses 79-24-3, Nitroethane 106-88-7,  
1,2-Butylene oxide 106-89-8, Epichlorohydrin, uses 108-20-3,

Isopropyl ether 110-71-4, 1,2-Dimethoxyethane 110-88-3, Trioxane, uses 123-91-1, 1,4-Dioxane, uses 286-20-4, Cyclohexene oxide  
RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)

(bromopropane compns. containing ethers and epoxides and nitro compds. for metal cleaning solvents)

IT 7429-90-5, Aluminum, processes 7439-89-6, Iron, processes 7440-50-8, Copper, processes 7440-66-6, Zinc, processes

RL: PEP (Physical, engineering or chemical process); PROC (Process)  
(bromopropane compns. containing ethers and epoxides and nitro

compds. for metal cleaning solvents)

IT 75-26-3, 2-Bromopropane 106-94-5, 1-Bromopropane  
RL: TEM (Technical or engineered material use); USES (Uses)  
(bromopropane compns. containing ethers and epoxides and nitro compds. for

metal cleaning solvents)

L16 ANSWER 21 OF 64 CA COPYRIGHT 2004 ACS on STN  
AN 123:232097 CA  
ED Entered STN: 28 Oct 1995  
TI Solvent mixtures containing 1- and/or 2-bromopropane for cleaning metals  
and electrical apparatus  
IN Ooshima, Katsuhide; Tanaka, Shigemi; Igari, Toshio; Kunihiro, Takeshi  
PA Dipsol Chem, Japan  
SO Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
IC ICM C11D007-50  
ICS C11D007-60  
ICI C11D007-60, C11D007-30, C11D007-32, C11D007-26  
CC 46-6 (Surface Active Agents and Detergents)  
Section cross-reference(s): 45, 55, 56  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07150197	A2	19950613	JP 1993-296370	19931126
	JP 2576941	B2	19970129		
PRAI	JP 1993-296370		19931126		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 07150197	ICM	C11D007-50
	ICS	C11D007-60
	ICI	C11D007-60, C11D007-30, C11D007-32, C11D007-26

AB Solvents for the cleaning and degreasing of metals, elec. parts, etc.,  
contain PrBr and/or iso-PrBr,  $\geq 1$  compound selected from MeNO<sub>2</sub>, EtNO<sub>2</sub>,  
and PrNO<sub>2</sub>, and  $\geq 1$  compound selected from MeOCH<sub>2</sub>CH<sub>2</sub>OH and dioxane. An  
Al article was cleaned in a mixture of PrBr 100, EtNO<sub>2</sub> 0.5, and  
MeOCH<sub>2</sub>CH<sub>2</sub>OH

1% for 48 h with no corrosion.

ST propyl bromide solvent degreasing metal; isopropyl bromide solvent  
degreasing metal; bromopropane solvent degreasing metal; aluminum  
degreasing solvent bromopropane; nitroalkane bromopropane degreasing  
corrosion inhibitor; methoxyethanol bromopropane degreasing metal;  
trioxane bromopropane degreasing metal

IT Solvents  
(bromopropane-containing solvent mixts. for cleaning and degreasing of  
metals)

IT Corrosion inhibitors  
(in bromopropane-containing solvent mixts. for cleaning and  
degreasing of  
metals)

IT Detergents  
(degreasing compns., bromopropane-containing solvent mixts. for  
cleaning  
and degreasing of metals)

IT 75-26-3, Isopropyl bromide 106-94-5, Propyl bromide  
RL: NUU (Other use, unclassified); TEM (Technical or engineered material  
use); USES (Uses)  
(in solvent mixts. for cleaning and degreasing of metals)

IT 75-52-5, Nitromethane, uses 79-24-3, Nitroethane 109-86-4,  
Methyl cellosolve 123-91-1, 1,4-Dioxane, uses 25322-01-4,  
Nitropropane



RL: MOA (Modifier or additive use); USES (Uses)  
(stabilizers; in bromopropane-containing solvent mixts. for cleaning  
and  
degreasing of metals)

L16 ANSWER 23 OF 64 CA COPYRIGHT 2004 ACS on STN  
AN 121:258620 CA  
ED Entered STN: 26 Nov 1994  
TI Cleaning solvents comprising alkyl and/or alkenyl bromides, especially  
for  
degreasing of metals  
IN Oshima, Katsuhide; Tanaka, Shigemi  
PA Dipsol Chemical Co., Ltd., Japan  
SO Eur. Pat. Appl., 9 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
IC ICM C23G005-028  
ICS C11D007-30  
CC 46-6 (Surface Active Agents and Detergents)  
Section cross-reference(s): 55, 56  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 609004	A1	19940803	EP 1994-300350	19940118
	EP 609004	B1	19970326		
	R: BE, DE, ES, FR, GB, IT, SE				
	JP 06220494	A2	19940809	JP 1993-10147	19930125
	JP 2576933	B2	19970129		
	US 5492645	A	19960220	US 1994-181102	19940113
	ES 2099539	T3	19970516	ES 1994-300350	19940118
	RU 2135559	C1	19990827	RU 1994-2326	19940124
	RU 2181373	C2	20020420	RU 1999-108252	19940124
	US 5665172	A	19970909	US 1995-531004	19950920
PRAI	JP 1993-10147	A	19930125		
	US 1994-181102	A3	19940113		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
EP 609004	ICM	C23G005-028
	ICS	C11D007-30
US 5492645	ECLA	C11D007/30; C11D007/50; C23G005/028

AB A solvent  $C_nH_{2n+1}Br$  ( $n \geq 3$ ) and/or  $C_mH_{2m-1}Br$  ( $m \geq 2$ ) is  
mixed with  $\geq 1$  stabilizer selected from nitroalkanes, ethers,  
epoxides, and amines to give cleaning compns. which remove oily and  
greasy  
soils from metals such as Al without corroding surfaces. A mixture of  
PrBr  
100, EtNO<sub>2</sub> 0.5, and MeOCH<sub>2</sub>CH<sub>2</sub>OH 2 parts was used to clean Al surfaces.  
ST bromoalkane solvent cleaning degreasing; bromoalkene solvent cleaning  
degreasing; cleaning solvent bromoalkane bromoalkene; degreasing solvent  
bromoalkane bromoalkene; corrosion inhibitor bromoalkane bromoalkene;  
aluminum degreasing bromoalkane bromoalkene; propyl bromide cleaning  
degreasing; isopropyl bromide cleaning degreasing  
IT Solvents  
(bromoalkanes and bromoalkenes for degreasing of metals)  
IT Alkyl bromides  
RL: TEM (Technical or engineered material use); USES (Uses)

(cleaning and degreasing solvents)

IT Corrosion inhibitors  
 (in bromoalkanes and bromoalkenes used for degreasing of metals)

IT Amines, uses  
 Epoxides  
 Ethers, uses  
 Nitro compounds  
 RL: MOA (Modifier or additive use); USES (Uses)  
 (stabilizers; in bromoalkanes and bromoalkenes used for degreasing of metals)

IT Alkenyl halides  
 RL: TEM (Technical or engineered material use); USES (Uses)  
 (bromides, cleaning and degreasing solvents)

IT Detergents  
 (cleaning compns., liquid, bromoalkanes and bromoalkenes as)

IT Detergents  
 (degreasing compns., bromoalkanes and bromoalkenes containing corrosion inhibitors as)

IT 7429-90-5, Aluminum, miscellaneous  
 RL: MSC (Miscellaneous)  
 (bromoalkanes and bromoalkenes as degreasing solvents for)

IT 75-26-3, Isopropyl bromide 78-77-3, 1-Bromo-2-methylpropane  
 106-94-5, Propyl bromide 106-95-6, Allyl bromide, uses 109-65-9,  
 1-Bromobutane 110-53-2, Amyl bromide 111-25-1, Hexyl bromide  
 629-04-9, Heptyl bromide  
 RL: TEM (Technical or engineered material use); USES (Uses)  
 (cleaning and degreasing solvents)

IT 75-52-5, Nitromethane, uses 79-24-3, Nitroethane 95-14-7,  
 Benzotriazole 102-71-6, Triethanolamine, uses 106-89-8,  
 Epichlorohydrin, uses 108-18-9, Diisopropylamine 108-95-2, Phenol,  
 uses 109-86-4, Methyl cellosolve 110-71-4, 1,2-Dimethoxyethane  
 123-91-1, 1,4-Dioxane, uses 37365-71-2, Methylbutynol  
 RL: MOA (Modifier or additive use); USES (Uses)  
 (stabilizers; in bromoalkanes and bromoalkenes used for degreasing of metals)

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=> s (isopropyl bromide or propyl bromide or  
bromopropane) (p) (methylypyrrolidone or methyl pyrrolidone)

70120 ISOPROPYL  
242752 BROMIDE  
1021 ISOPROPYL BROMIDE  
(ISOPROPYL(W) BROMIDE)  
82914 PROPYL  
242752 BROMIDE  
1660 PROPYL BROMIDE  
(PROPYL(W) BROMIDE)  
2432 BROMOPROPANE  
9526 METHYLPYRROLIDONE  
905211 METHYL  
18994 PYRROLIDONE  
486 METHYL PYRROLIDONE  
(METHYL(W) PYRROLIDONE)

L27 3 (ISOPROPYL BROMIDE OR PROPYL BROMIDE OR  
BROMOPROPANE) (P) (METHYL  
PYRROLIDONE OR METHYL PYRROLIDONE)

=> d 1-3 l27 ti

L27 ANSWER 1 OF 3 CA COPYRIGHT 2004 ACS on STN  
TI Bulk properties of solutions of nonelectrolytes in N-methylpyrrolidone.  
4.

Bulk contributions of halo substituents to the partial molar volume of  
nonelectrolytes in N-methylpyrrolidone

L27 ANSWER 2 OF 3 CA COPYRIGHT 2004 ACS on STN  
TI Bulk properties of solutions of nonelectrolytes in N-methylpyrrolidone.  
3.

Density of solutions and partial molar volume of halo derivatives of  
aliphatic and aromatic hydrocarbons in N-methylpyrrolidone at 298.15 K

L27 ANSWER 3 OF 3 CA COPYRIGHT 2004 ACS on STN  
TI Manufacture of ethers of oligomeric phenol-dialdehyde condensation  
products and a vinyl-benzyl compound for composite plastics

=>

3525 NMP

L28 7 (ISOPROPYL BROMIDE OR PROPYL BROMIDE OR BROMOPROPANE OR PRBR  
OR NPB) (P) (METHYLPYRROLIDONE OR METHYL PYRROLIDONE OR NMP)

=> s l28 not l27

L29 4 L28 NOT L27

=> d 1-4 l29 ti

L29 ANSWER 1 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Organo-tin and lithium derivatives as intermediates in the synthesis of substituted furans. Mechanistics studies

L29 ANSWER 2 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Thermosetting etherified condensation products of phenols, dicyclopentadiene, and aldehydes or ketones

L29 ANSWER 3 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Syntheses in the perimidine series

L29 ANSWER 4 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Syntheses in the hydroaromatic series. XXVII. Diene syntheses of nitrogen-containing hetero rings. 12. Degradation of the "yellow substance" to an isomer of norlupinane (1-methyloctahydroindolizine)

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